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* * * * * * * * * *   Welcome to STN International   * * * * * * * * * * *

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NEWS  1              Web Page URLs for STN Seminar Schedule - N. America
NEWS  2    Dec 17    The CA Lexicon available in the CAPLUS and CA files
NEWS  3    Feb 06    Engineering Information Encompass files have new names
NEWS  4    Feb 16    TOXLINE no longer being updated
NEWS  5    Apr 23    Search Derwent WPINDEX by chemical structure
NEWS  6    Apr 23    PRE-1967 REFERENCES NOW SEARCHABLE IN CAPLUS AND CA
NEWS  7    May 07    DGENE Reload
NEWS  8    Jun 20    Published patent applications (A1) are now in USPATFULL
NEWS  9    JUL 13    New SDI alert frequency now available in Derwent's
                     DWPI and DPCI
NEWS 10    Aug 23    In-process records and more frequent updates now in
                     MEDLINE
NEWS 11    Aug 23    PAGE IMAGES FOR 1947-1966 RECORDS IN CAPLUS AND CA
NEWS 12    Aug 23    Adis Newsletters (ADISNEWS) now available on STN
NEWS 13    Sep 17    IMSworld Pharmaceutical Company Directory name change
                     to PHARMASEARCH
NEWS 14    Oct 09    Korean abstracts now included in Derwent World Patents
                     Index
NEWS 15    Oct 09    Number of Derwent World Patents Index updates increased
NEWS 16    Oct 15    Calculated properties now in the REGISTRY/ZREGISTRY File
NEWS 17    Oct 22    Over 1 million reactions added to CASREACT
NEWS 18    Oct 22    DGENE GETSIM has been improved
NEWS 19    Oct 29    AAASD no longer available
NEWS 20    Nov 19    New Search Capabilities · USPATFULL and USPAT2
NEWS 21    Nov 19    TOXCENTER(SM) - new toxicology file now available on STN

NEWS EXPRESS    August 15 CURRENT WINDOWS VERSION IS V6.0c,
                CURRENT MACINTOSH VERSION IS V6.0 (ENG) AND V6.0J (JP),
                AND CURRENT DISCOVER FILE IS DATED 07 AUGUST 2001
NEWS HOURS      STN Operating Hours Plus Help Desk Availability
NEWS INTER      General Internet Information
NEWS LOGIN      Welcome Banner and News Items
NEWS PHONE      Direct Dial and Telecommunication Network Access to STN
NEWS WWW        CAS World Wide Web Site (general information)
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Enter NEWS followed by the item number or name to see news on that
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ENTER COST CENTER (NONE):ppi-012cn/mcl/alf
COST CENTER SETTING WILL TAKE EFFECT WITH THE NEXT FILE COMMAND
SET COMMAND COMPLETED

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COST IN U.S. DOLLARS                              SINCE FILE      TOTAL
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FILE COVERS 1947 - 22 Nov 2001 VOL 135 ISS 23
FILE LAST UPDATED: 22 Nov 2001 (20011122/ED)

  This file contains CAS Registry Numbers for easy and accurate
  substance identification..

  This file supports REG1stRY for direct browsing and searching of
  all substance data from the REGISTRY file. Enter HELP FIRST for
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The CA file now provides online access to patents and literature covered
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=> s 120:107692/an
L1   1 120:107692/AN

=> d l1 all

L1   ANSWER 1 OF 1 CA   COPYRIGHT 2001 ACS

Full   Citing
Text   References

AN   120:107692 CA
TI   Peptide-encoding for structure determination of nonsequenceable polymers
     within libraries synthesized and tested on solid-phase supports
AU   Nikolaiev, V.; Stierandova, A.; Krchnak, V.; Seligmann, B.; Lam, K. S.;
     Salmon, S. E.; Lebl, M.
CS   Selectide Corp., Tucson, AZ, 85737, USA
SO   Pept. Res. (1993), 6(3), 161-70
     CODEN: PEREEO; ISSN: 1040-5704
DT   Journal
LA   English
CC   34-3 (Amino Acids, Peptides, and Proteins)
AB   A method of indirectly detg. the structure of nonpeptide or
     nonsequenceable compds. that have been synthesized on individual particles

of solid support is described. The technique permits the parallel
synthesis of a compd. that is not susceptible to Edman degrdn. (e.g.,
N-terminal-blocked peptide), or one contg. components that cannot be
identified by amino acid sequencing, together with a corresponding
"coding" peptide. Each coupling step in the assembly of the
nonsequenceable compd. is followed by the coupling of an amino acid to a
different attachment site of the same carrier particle, whereby the amino
acid unambiguously codes for the previously coupled building block of the
nonsequenceable compd. The rationale is to enable the sequence detn. of a
biol. active compd. that has been identified through the screening of a
library of nonsequenceable compds., by translating the sequence of its
"coding" peptide, detd. by Edman degrdn., into the structure of the active
compd. The technique facilitates the construction and screening of
nonpeptide libraries for the discovery of important pharmaceutical compds.
ST   Merrifield synthesis peptide mixt encoding; sequence peptide mixt coding
      method
IT   Peptides, preparation
      RL: SPN (Synthetic preparation); PREP (Preparation)
         (mixts., prepn. of, by solid-phase methods, coding scheme for
         nonsequenceable residues in)
IT   Merrifield synthesis
         (of nonsequenceable peptide mixts., amino acid coding schemes for)
IT   Protein sequences
         (of nonsequenceable residues, amino acid coding scheme for)
IT   79-08-3, Bromoacetic acid   100-46-9, Benzylamine, reactions   122-59-8,
      Phenoxyacetic acid   584-93-0, α-Bromovaleric acid   5292-21-7,
      Cyclohexaneacetic acid   6232-88-8, 4-(Bromomethyl)benzoic acid
      6928-85-4, 1-Amino-4-methylpiperazine   10351-19-6, (4-Pyridylthio)acetic
      acid   152835-00-2, 2-(9-Fluorenylmethoxycarbonylamino)ethanethiol
      RL: RCT (Reactant)
         (peptide coupling reactions of, coding scheme for detn. of)
IT   35737-15-6
      RL: RCT (Reactant)
         (peptide coupling reactions of, coding scheme for nonsequenceable
         peptides from)
IT   152768-10-0P   152768-11-1P   152768-12-2P   152768-13-3P   152768-14-4P
      152768-15-5P   152768-16-6P   152768-17-7P   152768-18-8P   152768-19-9P
      152768-20-2P   152768-21-3P   152768-22-4P   152768-23-5P   152768-24-6P
      152768-25-7P   152768-26-8P   152768-27-9P   152768-28-0P   152768-29-1P
      152768-30-4P   152768-31-5P   152768-32-6P   152768-33-7P   152768-34-8P
      152768-35-9P   152768-36-0P   152768-37-1P   152768-38-2P   152768-39-3P
      152768-40-6P   152768-41-7P   152768-42-8P   152768-43-9P   152768-44-0P
      152768-45-1P   152768-46-2P   152768-47-3P   152768-48-4P   152768-49-5P
      152768-50-8P   152768-51-9P   152768-52-0P   152768-53-1P   152768-54-2P
      152768-55-3P   152768-56-4P   152768-57-5P   152768-58-6P   152768-59-7P
      152768-60-0P   152768-61-1P   152768-62-2P   152768-63-3P   152768-64-4P
      152768-65-5P   152768-66-6P   152768-67-7P   152835-01-3P   152835-02-4P
      152835-03-5P   152835-04-6P   152883-05-1P   152883-06-2P   152883-07-3P
      152883-08-4P   152883-09-5P   152883-10-8P   152883-11-9P   152883-12-0P
      152886-20-9P   153838-40-5P
      RL: SPN (Synthetic preparation); PREP (Preparation)
         (prepn. of, by solid-phase methods, amino acid coding scheme for)

=> logoff y